

## Abstract

For a BD-ROM, a picture-in-picture function and a wallpaper display function are accomplished. A second video plane 50 for displaying a moving picture is added to planes 10, 11, and 12 for displaying a moving picture, a subtitle, and graphics, respectively. One of the outputs of the second video plane 50 and the video plane 10 is selected by a switch 51 on a pixel-by-pixel basis. Reduced moving picture data are stored on the second video plane 50. The switch 51 is controlled according to a display position of the reduced moving picture data on a pixel-by-pixel basis. As a result, reduced moving picture data of the second video plane 50 are displayed as a sub screen against the moving picture data of the video plane 10. When wallpaper picture data instead of the moving picture data are stored on the video plane 10, a display screen is obtained as if a wallpaper were displayed in the background of the reduced moving picture data.